i) **Sequence ID1**

(1)MIFLKLIKSIVIGLGLVSAIQAAPASSIGSSASASSSSESSQATIPNDVTLGVKQIP
NIFNDSAVDANAAAKHPLEKRFVNQHLCGSHLVEALYLVCGERGFFYTPKGIVE
QCCTSICSLYQLENYCN(128)

Sequence ID2

(1)MIFLKLIKSIVIGLGLVSAIQAAPASSIGSSASASSSSESSQATIPNDVTLGVKQIP
NIFNDSAVDANAAAKHPLENRFVNQHLCGSHLVEALYLVCGERGFFYTPKGIVE
QCCTSICSLYQLENYCN(128)

Sequence ID3

(1)MTSKTIPAMLAIITVAYLCALPHAHARSTQGYGRMDRILAALKTSPMEPSAAL
AVENGTTHPLGKRFVNQHLCGSHLVEALYLVCGERGFFYTPKGIVEQCCTSICSL
YQLENYCN(116)

Sequence ID4

(1)MTSKTIPAMLAIITVAYLCALPHAHARSTQGYGRMDRILAALKTSPMEPSAAL
AVENGTTHPLGNRFVNQHLCGSHLVEALYLVCGERGFFYTPKGIVEQCCTSICSL
YQLENYCN(116)

Sequence ID 5

ATGATCTTTCTGAAGTTGATCAAGTCTATCGTGATCGGTCTGGGTCTGGTTTC
TGCCATCAGGCCGCTCCAGCCTCTTCTATCGGTTCTTCTGCCTCTGCCTCTTCT
TCTTCTGAGTCTTCTCAGGCCACCATTCCAAACGACGTTACCCTGGGTGTTAA
GCAGATCCCAAACATCTTCAACGACTCTGCCGTTGACGCCAACGCTGCTGCT
AAGCACCCACTGGAGAAGAGATTCGTGAACCAGCACCTGTGTGGTTCTCACC
TGGTTGAGGCCCTGTACCTGGTTTGCGGTGAGAGAGGATTCTTCTACACCCCA
AAGGGTATCGTTGAGCAGTGCTGCACCTCTATCTGTTCTCTGTACCAGCTGGA
GAACTACTGCAAC

Sequence ID 6

ATGATCTTTCTGAAGTTGATCAAGTCTATCGTGATCGGTCTGGGTCTGGTTTC
TGCCATCAGGCCGCTCCAGCCTCTTCTATCGGTTCTTCTGCCTCTGCCTCTTCT
TCTTCTGAGTCTTCTCAGGCCACCATTCCAAACGACGTTACCCTGGGTGTTAA
GCAGATCCCAAACATCTTCAACGACTCTGCCGTTGACGCCAACGCTGCTGCT
AAGCACCCACTGGAGAACAGATTCGTGAACCAGCACCTGTGTGGTTCTCACC

TGGTTGAGGCCCTGTACCTGGTTTGCGGTGAGAGAGGATTCTTCTACACCCCA
AAGGGTATCGTTGAGCAGTGCTGCACCTCTATCTGTTCTCTGTACCAGCTGGA
GAACTACTGCAAC

Sequence ID 7

5   ATGACCTCGAAGACCATCCCAGCCATGCTGGCCATCATTACCGTTGCCTACCT
GTGTGCTCTGCCACACGCCCACGCTAGATCTACCCAGGGTTACGGTAGAATG
GACAGAATCCTGGCCGCCCTGAAGACCTCTCCAATGGAGCCATCTGCCGCCC
TGGCCGTTGAGAACGGAACCACCCACCCACTGGGTAAGAGATTCGTGAACCA
GCACCTGTGTGGTTCTCACCTGGTTGAGGCCCTGTACCTGGTTTGCGGTGAGA

10   GAGGATTCTTCTACACCCCAAAGGGTATCGTTGAGCAGTGCTGCACCTCTATC
TGTTCTCTGTACCAGCTGGAGAACTACTGCAAC

Sequence ID 8

ATGACCTCGAAGACCATCCCAGCCATGCTGGCCATCATTACCGTTGCCTACCT
GTGTGCTCTGCCACACGCCCACGCTAGATCTACCCAGGGTTACGGTAGAATG

15   GACAGAATCCTGGCCGCCCTGAAGACCTCTCCAATGGAGCCATCTGCCGCCC
TGGCCGTTGAGAACGGAACCACCCACCCACTGGGTAACAGATTCGTGAACCA
GCACCTGTGTGGTTCTCACCTGGTTGAGGCCCTGTACCTGGTTTGCGGTGAGA
GAGGATTCTTCTACACCCCAAAGGGTATCGTTGAGCAGTGCTGCACCTCTATC
TGTTCTCTGTACCAGCTGGAGAACTACTGCAAC

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